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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/764,808	01/26/2004	Alan G. Yates	GLT-001	9763
3897	7590	10/13/2005	EXAMINER	
SCHNECK & SCHNECK P.O. BOX 2-E SAN JOSE, CA 95109-0005			LE, THANH TAM T	
			ART UNIT	PAPER NUMBER
			2839	
DATE MAILED: 10/13/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/764,808

Applicant(s)

YATES ET AL.

Examiner

Thanh-Tam T. Le

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 17 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1 and 4-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Gallagher et al. (6,086,387).

Gallagher et al., figures 1-3, disclose a device for testing integrated circuits comprising:

- a base (1);
- a socket body held in the base for contacting a plurality of terminals from an integrated circuit (6);
- a lid (40);
- a hinge (10 and 43) joining the lid to the base;
- a locking mechanism (32) allowing locking of the lid to the base;
- a pressure plate (48) retained within the lid; and
- two cam levers (54) each mechanically linked to opposing sides of the lid for lowering the pressure plate from the lid to the socket when the integrated circuit is placed within the socket.

Regarding claim 4, Gallagher et al. disclose the cam lever transforms a rotational movement of the two cam levers to a vertical movement of the pressure plate by the use of a cam means.

Regarding claim 5, a lock (55, cam spring) disposed to movably engage the cam levers, the lock preventing the cam levers from moving when the lock is engaged against the cam lever.

Regarding claim 6, the lock is a spring biased.

Regarding claim 7, figure 3, the pressure plate may include an open central area (64) through which the integrated circuit may be viewed.

Regarding claim 8, the socket body including pogo pins (2).

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2, 9 and 12-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gallagher et al. (6,086,387) in view of Yoshizaki (4,717,346).

Regarding claims 2 and 9, Gallagher et al. disclose the instant claimed invention as described above except for a sight groove on the base.

Yoshizaki, figures 2 and 4, discloses an IC socket (20) having a body (1) with a

plurality of grooves. It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide Gallagher et al. to have the grooves, as taught by Yoshizaki, in order to make sure leads of an integrated circuit are all in contact with pins of a socket.

Regarding claim 12, Gallagher et al. disclose a lock (55, cam spring) disposed to movably engage the cam levers, the lock preventing the cam levers from moving when the lock is engaged against the cam lever.

Regarding claim 13, Gallagher et al. disclose the lock is a spring biased.

Regarding claim 14, figure 3, Gallagher et al. disclose the pressure plate may including an open central area (64) through which the integrated circuit may be viewed.

Regarding claim 15, Gallagher et al. disclose the socket body including pogo pins (2).

5. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Gallagher et al. (6,086,387) in view of Mayer (3,849,834).

Gallagher et al. disclose the instant claimed invention as described above except for a pair of cam ratcheting levers having ratchet like notches.

Mayer, figure 1, discloses a lockable hinge joint having a release lever (138) including cam surfaces (184, 142, 150, 145 and 142') that read on a cam ratcheting levers having ratchet like notches. It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide Gallagher et al. to have the release lever, as taught by Mayer for better connection.

6. Claims 10-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gallagher et al. (6,086,387) and Yoshizaki (4,717,346) as applied to claim 9 above, and further in view of Mayer (3,849,834).

Regarding claim 10, Gallagher et al. disclose the instant claimed invention as described above except for a pair of cam ratcheting levers having ratchet like notches.

Mayer, figure 1, discloses a lockable hinge joint having a release lever (138) including cam surfaces (184, 142, 150, 145 and 142') that read on a cam ratcheting levers having ratchet like notches. It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide Gallagher et al. to have the release lever, as taught by Mayer for better connection.

Regarding claim 11, Gallagher et al. disclose the cam lever transforms a rotational movement of the two cam levers to a vertical movement of the pressure plate by the use of a cam means.

### ***Response to Arguments***

7. Applicant's arguments filed 8/17/05 have been fully considered but they are not persuasive.

On pages 5 and 6, Applicant argues Gallagher is not disclosed "two cam levers each mechanically linked to opposing sides of the lid.", and the two elements labeled as "cam (54)" are on the same side of the lid of the device.

The Examiner disagrees, although Gallagher discloses two cam levers (54) are on the same side of the lid (40), but they are still on opposing sides of the lid, figure 2.

For the above reason, it is believed that the rejections should be sustained.

***Conclusion***

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

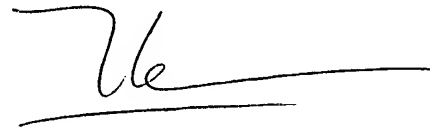
9. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh-Tam T. Le whose telephone number is 571-272-2094. The examiner can normally be reached on 7:30-5:00.

11. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571-272-2098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'T. Le', with a horizontal line extending to the right.

Thanh-Tam T. Le  
Primary Examiner  
Art Unit 2839

TL.  
10/05/05.